

Name: _____

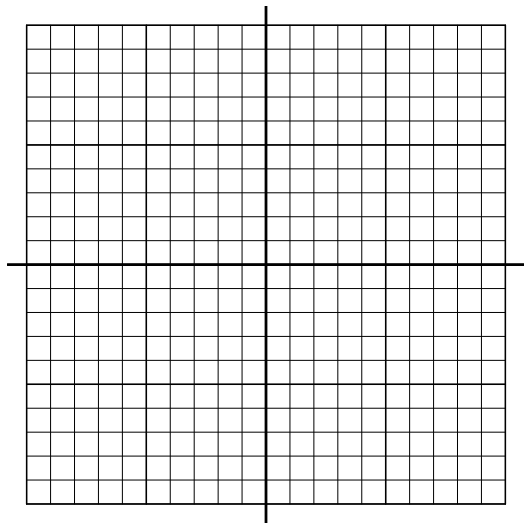
Date: _____

PCW__09__29: Graph Parent Translations (version 15)

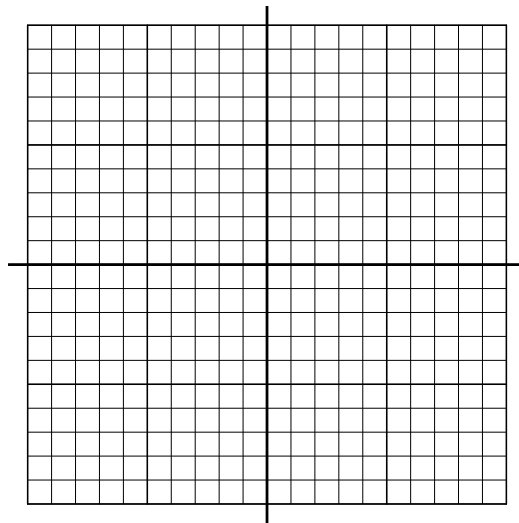
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

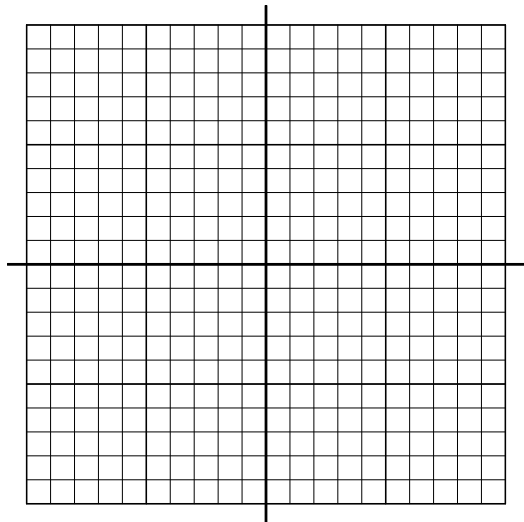
$$y = \sqrt{x-1} + 4$$



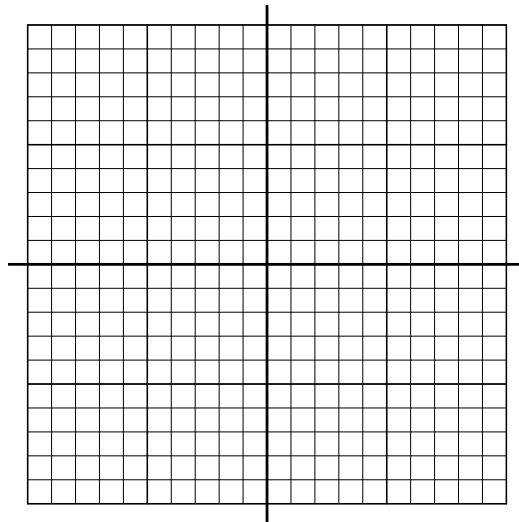
$$y = 2^{x+1} - 4$$



$$y = (x+5)^2 - 3$$

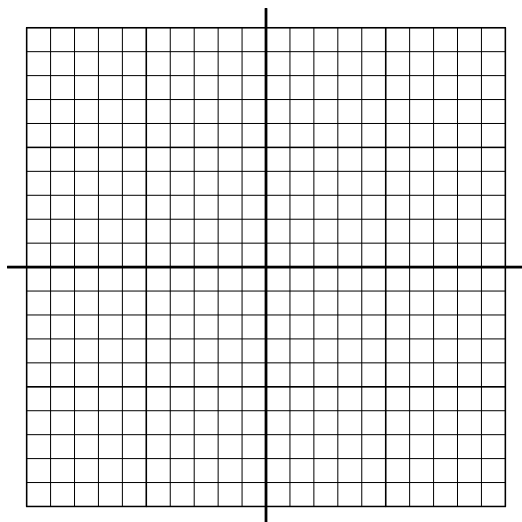


$$y = \sqrt[3]{x-2} - 5$$

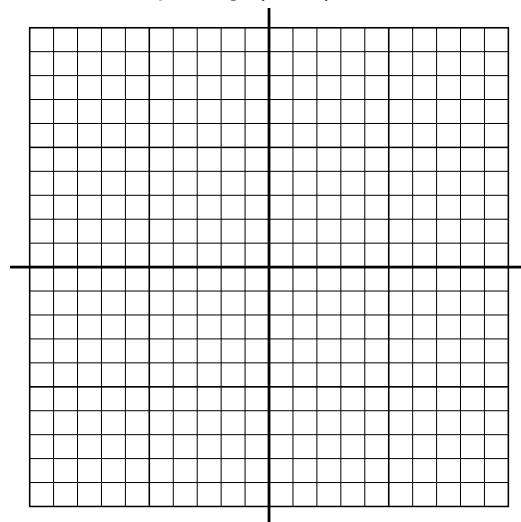


PCW_09_29: Graph Parent Translations (version 15)

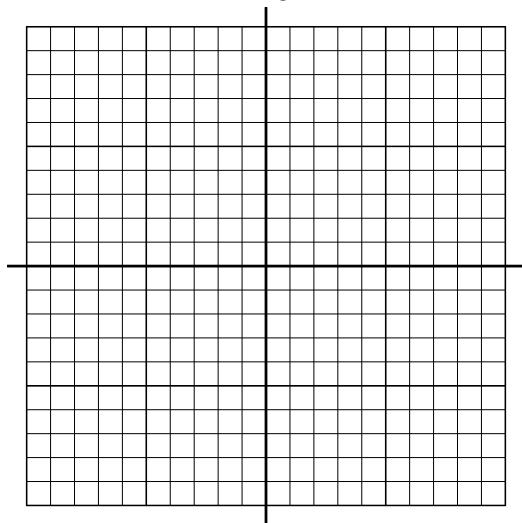
$$y = |x + 3| + 1$$



$$y = \log_2(x - 2) - 5$$



$$y = \frac{1}{x - 3} - 2$$



$$y = (x - 5)^3 + 3$$

